Optics

**Lenses and Mirrors**

<http://library.thinkquest.org/TQ0312432/lessons_part-05.html>

<http://advancedlab.org/mediawiki/index.php/Optics_Tutorial>

**Refraction and Reflection**

<http://www.ndt-ed.org/EducationResources/CommunityCollege/Ultrasonics/Physics/refractionsnells.htm>

<http://library.thinkquest.org/TQ0312432/lessons_part-03.html>

Note: scattered reflection 🡪 diffuse reflection

**Additional Information**

<http://scioly.org/wiki/Optics#Geometric_optics>

The Eye and Colors are all you need to know. Also, know the difference between myopia and hyperopia, and what lens type corrects for it.

You should also able to draw ray diagrams, such as these:

<http://images.tutorvista.com/content/feed/tvcs/Convex20lense20ray20diagrams.PNG>

**Laser Shoot**

<http://www.youtube.com/watch?v=15zOYnhnlOY>

You do not need to worry about this until close to the competition.